

09/804060  
STN Search Summary

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FILE 'CAPLUS' ENTERED AT 16:04:27 ON 18 DEC 2003

L1 61 S CITA  
L2 37 S L1 AND (CITRATE OR SENSOR OR KINASE)  
L3 37 S L2 (NOTA) MOCKEL/AU  
L4 191 S MOCKEL?/AU  
L5 0 S L2 NOT L3  
L6 354 S SENSOR (W) KINASE  
L7 12 S L6 (P) CITRATE  
L8 13 S SENSOR (P) KINASE (P) CITRATE (P) ?COMPONENT  
L9 13 S SENSOR (P) KINASE (P) CITRATE (P) (TWO (W) ?COMPONENT)  
L10 1485 S CITRATE (S) FERMENT?  
L11 57 S L10 AND REVIEW/DT  
L12 1 S L11 AND (SENSOR (W) KINASE)

L9 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 2003:774073 CAPLUS  
TI The Structure of the Periplasmic Ligand-binding Domain of the Sensor  
Kinase Cita Reveals the First Extracellular PAS Domain  
AU Reinelt, Stefan; Hofmann, Eckhard; Gerharz, Tanja; Bott, Michael; Madden,  
Dean R.  
SO Journal of Biological Chemistry (2003), 278(40), 39189-39196

L9 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 2003:326910 CAPLUS  
TI Identification of Basic Amino Acid Residues Important for Citrate Binding  
by the Periplasmic Receptor Domain of the Sensor Kinase Cita  
AU Gerharz, Tanja; Reinelt, Stefan; Kaspar, Sibylle; Scapozza, Leonardo;  
Bott, Michael  
SO Biochemistry (2003), 42(19), 5917-5924

L9 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 2002:393111 CAPLUS  
TI Identification of a gene cluster in Klebsiella pneumoniae which includes  
citX, a gene required for biosynthesis of the citrate lyase prosthetic  
group  
AU Schneider, Karin; Kastner, Christopher N.; Meyer, Margareta; Wessel,  
Mirja; Dimroth, Peter; Bott, Michael  
SO Journal of Bacteriology (2002), 184(9), 2439-2446

L9 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 2002:316952 CAPLUS  
TI The sensor kinase Cita (DpiB) of Escherichia coli functions as a  
high-affinity citrate receptor  
AU Kaspar, Sibylle; Bott, Michael  
SO Archives of Microbiology (2002), 177(4), 313-321

L9 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 2002:65593 CAPLUS  
TI C4-dicarboxylate carriers and sensors in bacteria  
AU Japausch, I. G.; Zientz, E.; Tran, Q. H.; Kroger, A.; Unden, G.  
SO Biochimica et Biophysica Acta (2002), 1553(1-2), 39-56

L9 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 2001:758328 CAPLUS  
TI Characterization of sensor kinase Cita from Klebsiella pneumoniae and  
Escherichia coli as a citrate receptor  
AU Kaspar, Sibylle  
SO Berichte des Forschungszentrums Juelich (2001), Juel-3851, i-xi, 1-119  
LA German

L9 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 1999:569287 CAPLUS  
TI The periplasmic domain of the histidine autokinase Cita functions as a  
highly specific citrate receptor  
AU Kaspar, Sibylle; Perozzo, Remo; Reinelt, Stefan; Meyer, Margareta;  
Pfister, Karin; Scapozza, Leonardo; Bott, Michael  
SO Molecular Microbiology (1999), 33(4), 858-872

L9 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 1999:149910 CAPLUS  
TI Identification and characterization of a two-component sensor-kinase and  
response-regulator system (DcuS-DcuR) controlling gene expression in  
response to C4-dicarboxylates in Escherichia coli  
AU Golby, Paul; Davies, Suzanne; Kelly, David J.; Guest, John R.; Andrews,  
Simon C.  
SO Journal of Bacteriology (1999), 181(4), 1238-1248

L9 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 1997:468561 CAPLUS  
TI In vitro binding of the response regulator CitB and of its  
carboxy-terminal domain to A + T-rich DNA target sequences in the control  
region of the divergent citC and citS operons of Klebsiella pneumoniae  
AU Mayer, Margareta; Dimroth, Peter; Bott, Michael  
SO Journal of Molecular Biology (1997), 269(5), 719-731

L9 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 1997:197986 CAPLUS  
TI Anaerobic citrate metabolism and its regulation in enterobacteria  
AU Bott, Michael  
SO Archives of Microbiology (1997), 167(2+3), 78-88  
DT Journal; General Review

L9 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 1995:983804 CAPLUS  
TI Regulation of anaerobic citrate metabolism in Klebsiella pneumoniae  
AU Bott, Michael; Meyer, Margareta; Dimroth, Peter  
CS Microbiologisches Inst., Zurich, CH-8092, Switz.  
SO Molecular Microbiology (1995), 18(3), 533-46